

Converting Colors

$Y_{xy}(41.8296, 0.4349, 0.3213)$

Have a look what the booklet for
Yxy(41.8296, 0.4349, 0.3213)
contains.

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Color

Yxy(41.1957, 0.4309, 0.3210)

Conversions

Conversions Part 1

Format	Color
Hex	FF8991
RGB	255, 137, 145
RGB Percent	100%, 54%, 57%
CMY	0.0000, 0.4627, 0.4312
CMYK	0.00, 0.46, 0.43, 0.00
HSL	356°, 100%, 77%
HSV	356°, 46%, 100%
XYZ	55.2998, 41.1957, 31.8400
YIQ	173.1940, 67.7600, 27.5040

Conversions

Conversions Part 2

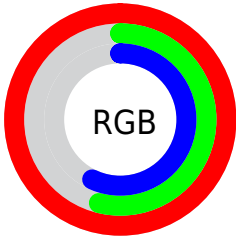
Format	Color
R_{YB}	255, 137, 145
Decimal	16746897
CIE _{Lab}	70.31, 45.37, 16.07
CIE _{LCh}	70, 48.134, 19.497
Yxy	41.1957, 0.4309, 0.3210
Android (android.graphics.Color)	4294936977 (0xFFFF8991)
YUV	173.1940, -13.8996, 71.7439
Hunter-Lab	64.1839, 41.4709, 15.5164

Details

The Yxy color **41.1957, 0.4309, 0.3210** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.5516, 0.2543, 0.3380**, and the grayscale version is **41.9415, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.0828, 0.3592, 0.3219**, and **18.7690, 0.4663, 0.3155** is the 20% darker color. If you saturate the color by 10%, you get **34.1258, 0.4729, 0.3199**, and if you desaturate by 10%, it is **50.1347, 0.3950, 0.3226**.

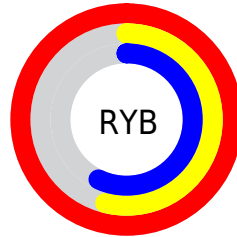
Distribution



Red (100%)

Green (54%)

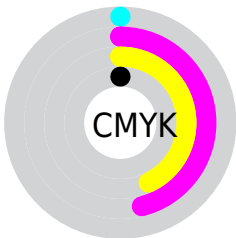
Blue (57%)



Red (100%)

Yellow (54%)

Blue (57%)

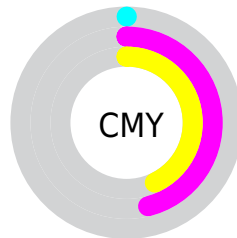


Cyan (0%)

Magenta (46%)

Yellow (43%)

Black (0%)



Cyan (0%)


Magenta (46%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.1957, 0.4309, 0.3210 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 41.1957, 0.4309, 0.3210 by changing the saturation by 10% instead.

 41.1957, 0.4309,
0.3210


 41.1957, 0.4309,
0.3210


351.1379, 0.3701,
0.3272


 28.4720, 0.4464,
0.3187


 76.9809, 0.4085,
0.3238

 18.6818, 0.4665,
0.3154


 100.8112, 0.4002,
0.3247

 11.4406, 0.4933,
0.3103


 129.1125, 0.3932,
0.3253

 6.3640, 0.5305,
0.3019

162.2692, 0.3872,
0.3259

 3.0677, 0.5850,
0.2868

200.6657, 0.3820,
0.3263

 1.1672, 0.7029,
0.2695

244.6864, 0.3775,

 0.0346, 0.9714,

0.3267

0.0286

294.7156, 0.3736,
0.3270

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 41.1957, 0.4309,
0.3210

■ 41.1957, 0.4309,
0.3210

■ 34.1258, 0.4729,
0.3199

■ 50.1347, 0.3950,
0.3226

■ 28.7884, 0.5191,
0.3196

■ 61.0578, 0.3655,
0.3244

■ 25.0355, 0.5649,
0.3206

■ 74.0759, 0.3417,
0.3262

■ 22.6923, 0.6036,
0.3229

■ 89.2904, 0.3227,
0.3280

■ 21.5418, 0.6290,
0.3262

100.0000, 0.3127,
0.3290

■ 21.3016, 0.6349,
0.3271

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



41.1957, 0.3725, 0.2736



41.1957, 0.4309, 0.3210



41.1957, 0.4522, 0.3735

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



41.1957, 0.4309, 0.3210



41.1957, 0.3119, 0.4478



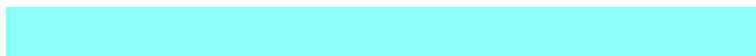
41.1957, 0.2021, 0.2284

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



41.1957, 0.4309, 0.3210



83.5516, 0.2543, 0.3380

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



41.1957, 0.1904, 0.2607



41.1957, 0.4309, 0.3210



41.1957, 0.2489, 0.3938

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



41.1957, 0.4309, 0.3210



41.1957, 0.3787, 0.4549



41.1957, 0.2059, 0.3201



41.1957, 0.2399, 0.2223

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



41.1957, 0.4309, 0.3210



41.1957, 0.4423, 0.4074



41.1957, 0.2059, 0.3201



41.1957, 0.1953, 0.2361

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



41.1972, 0.4309, 0.3210



77.3393, 0.3370, 0.3266



44.5541, 0.3095, 0.2131



15.8904, 0.3415, 0.3262



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.1972, 0.4309, 0.3210



34.2958, 0.4717, 0.3199



58.2546, 0.4136, 0.3803



18.0071, 0.3284, 0.3274



11.1379, 0.6331, 0.3261



1.0911, 0.6175, 0.3175

Inverse Universe

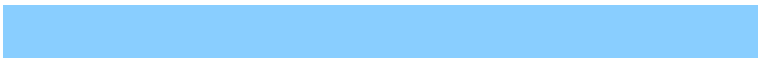
The Inverse Universe completely reimagines the original color for something new.



41.1972, 0.4309, 0.3210



34.2958, 0.4717, 0.3199



56.6011, 0.2401, 0.2697



18.0071, 0.3284, 0.3274



11.1379, 0.6331, 0.3261



1.0911, 0.6175, 0.3175

Previews

White Background



This preview shows how the Yxy color 41.1957, 0.4309, 0.3210 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 41.1957, 0.4309, 0.3210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.1957, 0.4309, 0.3210

Background



This preview shows how black text looks on a background with the Yxy color 41.1957, 0.4309, 0.3210.



This preview shows how white text looks on a background with the Yxy color 41.1957, 0.4309, 0.3210.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

41.1957, 0.4309, 0.3210

Protanopia

41.6144, 0.3258, 0.3413

Deuteranopia

41.4452, 0.3694, 0.3628



Tritanopia

41.2579, 0.4287, 0.3190

Trichromacy



Original Color

41.1957, 0.4309, 0.3210



Protanomaly

40.3184, 0.3621, 0.3330



Deuteranomaly

40.6113, 0.3917, 0.3450



Tritanomaly

41.2266, 0.4298, 0.3200

Monochromacy



Original Color

41.1957, 0.4309, 0.3210



Achromatopsia

41.7885, 0.3127, 0.3290



Achromatomaly

40.4825, 0.3520, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1957, 0.4309, 0.3210 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 137, 145)` looks like.

```
.text, #text, p{  
    color:rgb(255, 137, 145)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 137, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 137, 145) }
```

Border

The CSS property to change the border of an element to Yxy 41.1957, 0.4309, 0.3210 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 137, 145) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 137, 145) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 137, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 137, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 137, 145);  
box-shadow:4px 4px 4px 4px rgb(255, 137,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1957, 0.4309, 0.3210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 137, 145) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
137, 145) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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